





Attorney's Docket No. LAM1P147/P0675

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: UNIQUE PROCESS CHEMISTRY FOR ETCHING ORGANIC LOW-K MATERIALS, the specification of which,

(check one)	1.	is attached hereto.			
	2.	was filed on February U.S. Application No. 09 and was amended on	/782,185		
	3.	was filed on International PCT Applicati and was amended on	on No		
I hereby state tha amended by any a		ed and understand the contented to above.	nts of the above-identified	specification,	including the claims, as
I acknowledge the 37, CFR § 1.56.	e duty to disclose	e information which is mater	ial to the examination of th	nis application	in accordance with Title
Prior Foreign Ap	plication(s)				
for patent or inverthan the United S	ntor's certificate, States, listed bel	efits under Title 35, United or § 365(a) of any PCT Int ow and have identified belarmational application having	ernational application whicow, by checking the box,	th designated a any foreign a of the applicat	at least one country other application for patent or
					No
(Application No.)		(Country)	(Filing Date)	Vec	_ No
(Application No.)		(Country)	(Filing Date)	103	110
Provisional Appl	ication(s)				
I hereby claim the	benefit under 35	U.S.C. §119(e) of any Unite	d States provisional applica	ation(s) listed b	pelow:
I hereby claim the (Application No.)		U.S.C. §119(e) of any Unite	d States provisional applica	ation(s) listed b	pelow:

Atty. Dkt. No.: LAMIP147/P0675

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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434 BEYER WEAVER & THOMAS, LLP P.O. Box 778 Berkeley, CA 94704-0778



Direct Telephone Calls To:

Michael Lee at telephone number (831) 655-2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor:	HELEN H. ZHU	Citizenship:	USA	
Inventor's signature:	Held	Date of Signature:_	2-16-01	
Residence: (City)	Fremont	(State/Country)		
Post Office Address:	300 Tiffany Terrace, Fremont, CA 94536			
				r,
Second Inventor:	JAMES R. BOWERS	Citizenship:	USA	
Inventor's signature:		Date of Signature:_		
Residence: (City)	Brookfield	(State/Country)	CT/USA	
Post Office Address:	4 Mist Hill Drive Brookfield CT 06804			

Atty. Dkt. No.: LAM1P147/P0675

(Revised 3/29/99)

Page 2 of 3

I nira inventor:		IAN J. MOREY	Citizenship:	Australian
Inventor's sign	ature:		Date of Signature:	
Residence:	(City)	Singapore	(State/Country)	Singapore
Post Office Add	ress:	15 Libra Drive, Singapore, Singa	apore 576457	
Fourth Inventor:	:	WAYNE BABIE	Citizenship:	USA
Inventor's sign	ature:		Date of Signature:	
Residence:	(City)	Poughkeepsie	(State/Country)	NY/USA
Post Office Add	ress:	13 Four Winds Drive, Poughkee	psie, NY 12603	
Fifth Inventor:		MICHAEL GOSS	Citizenship:	USA
Inventor's sign	ature:		Date of Signature:	
Residence:	(City)	Mendon	(State/Country)	MA/USA
Post Office Add	ress:	12 Forest Park Drive, Mendon, M	MA 01756	



DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

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	U.S. A	pplication No. <u>09</u> /	12, 2001 782,185	· · · · · · · · · · · · · · · · · · ·	
	3. was fil Interna and wa	ed on itional PCT Applicat as amended on	tion No	as	
I hereby state that amended by any am	I have reviewed and uendment referred to ab	understand the conte	ents of the above-ident	ified specification, including th	e claims, as
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Prior Foreign App	lication(s)				
for patent or invent than the United St	or's certificate, or § 36 ates, listed below and	55(a) of any PCT Int have identified bel	ternational application low, by checking the	(d) or § 365(b) of any foreign ay which designated at least one c box, any foreign application for that of the application on which Priority Benefits Cl	ountry other or patent or n priority is
(Application No.)	(Countr	y)	(Filing Date)	Yes No	
(Application No.)	(Counti		(Filing Date)	Yes No	
Provisional Applic	ation(s)				
I hereby claim the b	enefit under 35 U.S.C.	§119(e) of any Unite	ed States provisional ap	oplication(s) listed below:	
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Power of Attorney			
		LLP and all practitioners who are association and to transact all business in t	
Direct Correspondence To:	Customer Numb BEYER WEAVER & TH P.O. Box 77: Berkeley, CA 947(IOMAS, LLP B	THE COLUMN TWO COLUMN THE COLUMN TWO COLUMN TO COLUMN THE COLUMN TWO COLUMN THE COLUMN T
Direct Telephone Calls To:	Michael Lee at tele	phone number (831) 655-2300	
belief are believed to be true; and like so made are punishable by f	I further that these statements we ine or imprisonment, or both, un	wledge are true and that all statements are made with the knowledge that willfuder section 1001 of Title 18 of the Unplication or any patent issuing thereon.	il false statements and the
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Inventor's signature:		Date of Signature:	
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Post Office Address:	300 Tiffany Terrace, Fremont	, CA 94536	
Second Inventor:	JAMES R. BOWERS	Citizenship:	USA
Invent r's signature:	Johnson	Date of Signature:	/29/01
Residence: (City)	Brookfield	(State/Country)	CT/USA
Post Office Address:	4 Mist Hill Drive, Brookfield	, CT 06804	

Atty. Dkt. No.: LAM1P147/P0675

Third Inventor:		IAN J. MOREY		Australian
Inventor's sign	ature:		Date of Signature:	
Residence:	(City)	Singapore	(State/Country)	Singapore
Post Office Add	ress:	15 Libra Drive, Singapore, Singap	oore 576457	
Fourth Inventor	:	WAYNE BABIE	Citizenship:	USA
Inventor's sign	ature:		Date of Signature:	
Residence:	(City)	Poughkeepsie	(State/Country)	NY/USA
Post Office Add	lress:	13 Four Winds Drive, Poughkeep	sie, NY 12603	
Fifth Inventor:		MICHAEL GOSS	Citizenship:	USA
Inventor's sign	nature:		Date of Signature:	
Residence:	(City)	Mendon	(State/Country)	MA/USA
Post Office Add	dress.	12 Forest Park Drive, Mendon, M	1A 01756	



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Prior Foreign A	pplication(s)				
					(s)
than the United	States, listed belo	ow and have identified	below, by checking the box,	h designated at least one country oth any foreign application for patent of the application on which priority Priority Benefits Claimed? Yes No	ner or
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Power of Attorn	ey				
And I hereby app Number 022434 Office connected	as my principal att	f Beyer Weaver & Thomas orneys to prosecute this app	s, LLP and all prace of the state of the sta	titioners who are ansact all business in	ssociated with the Customer n the Patent and Trademark
Direct Correspo	ondence To:	Customer Num BEYER WEAVER & T P.O. Box 7 Berkeley, CA 94	THOMAS, LLP 78		
Direct Telephon	ne Calls To:	Michael Lee at tel	ephone number (8	331) 655-2300	
belief are believe like so made are	ed to be true; and fue to be true; and fue punishable by fine	made herein of my own knourther that these statements we or imprisonment, or both, uppardize the validity of the a	vere made with the inder section 1001	knowledge that wi of Title 18 of the	llful false statements and the United States Code, and the
Typewritten Full Sole or First Inve		HELEN H. ZHU	C	itizenship:	USA
Inventor's signa	ature:		D	ate of Signature:_	
Residence:	(City)	Fremont	(S	State/Country)	CA/USA

300 Tiffany Terrace, Fremont, CA 94536

4 Mist Hill Drive, Brookfield, CT 06804

JAMES R. BOWERS

Brookfield

Atty. Dkt. No.: LAM1P147/P0675

(City)

Page 2 of 3

Citizenship:

Date of Signature:___

(State/Country) <u>CT/USA</u>

USA

(Revised 3/29/99)

Post Office Address:

Inventor's signature:

Post Office Address:

Second Inventor:

Residence:

Third Inventor:	IAN J. MOREY	Citizenship:	Australian
Inventor's signature:	for Horeff	Date of Signature:	116/01
Residence: (City)	Singapore	(State/Country)	Singapore
Post Office Address:	15 Libra Drive, Singapore, Singapore 576	457	
Fourth Inventor:	WAYNE BABIE	Citizenship:	USA
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JUN 0 4 2000 DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION



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(Application No.)		(Country)	(Filing Date)	10310
(Application No.)		(Country)	(Filing Date)	Yes No
(Application No.) Pr visional Applicatio	n(s)	(Country)	(Filing Date)	Yes No
Pr visional Applicatio			(Filing Date) ed States provisional applicat	
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Office connected therewith. Direct Correspondence To:	Customer Number BEYER WEAVER & THE P.O. Box 778 Berkeley, CA 94704	er: 022434 OMAS, LLP	in the Patent and Trac

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Inventor's signature:		Date of Signature:_	
Residence: (City)	Fremont	(State/Country)	ÇA/USA
Post Office Address:	300 Tiffany Terrace, Fremont, CA 94536		
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Residence: (City)	Singapore	(State/Country)	Singapore
Post Office Address:	15 Libra Drive, Singapore, Singapore 5	76457	
	•		
Fourth Inventor:	WAYNE BABIE	Citizenship:	USA
Inventor's signature:	Wayle Balic	Date of Signature:	10/05/5
Residence: (City)	Poughkeepsie	(State/Country)	NY/USA
Post Office Address:	13 Four Winds Drive, Poughkeepsie, N	Y 12603	
Fifth Inventor:	MICHAEL GOSS	Citizenship:	USA
Inventor's signature:		Date of Signature:	
Residence: (City)	Mendon	(State/Country)	MA/USA
Post Office Address:	12 Forest Park Drive, Mendon, MA 01	756	



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Inventor's signatur	re: _	Muchael Hoss	Date of Signature:	02/12/01
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Post Office Address	••	12 Forest Park Drive Mendon MA	01756	